

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/541,769
Source: JFWO
Date Processed by STIC: 09/21/2006

ENTERED



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/541,769

DATE: 09/21/2006

TIME: 11:42:10

Input Set : A:\Q88804 - sequence listing.txt
 Output Set: N:\CRF4\09212006\J541769.raw

```

3 <110> APPLICANT: POSTECH FOUNDATION
5 <120> TITLE OF INVENTION: PHOSPHORAMIDITE COMPOUNDS
7 <130> FILE REFERENCE: Q88804
9 <140> CURRENT APPLICATION NUMBER: US 10/541769
10 <141> CURRENT FILING DATE: 2005-07-08
12 <150> PRIOR APPLICATION NUMBER: KR 2003-0001392
13 <151> PRIOR FILING DATE: 2003-01-09
15 <150> PRIOR APPLICATION NUMBER: KR 2003-0025434
16 <151> PRIOR FILING DATE: 2003-04-22
18 <160> NUMBER OF SEQ ID NOS: 14
20 <170> SOFTWARE: KopatentIn 1.71
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 12
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: oligo 1
31 <220> FEATURE:
32 <221> NAME/KEY: modified_base
33 <222> LOCATION: 7
34 <223> OTHER INFORMATION: n is (R)-phosphoramidite compound
37 <400> SEQUENCE: 1
W--> 38 ttttttnttt tt          12
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 12
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: oligo 2
50 <220> FEATURE:
51 <221> NAME/KEY: modified_base
52 <222> LOCATION: 7
53 <223> OTHER INFORMATION: n is (S)-phosphoramidite compound
56 <400> SEQUENCE: 2
W--> 57 ttttttnttt tt          12
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 12
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: oligo 3
69 <220> FEATURE:
70 <221> NAME/KEY: modified_base

```

RAW SEQUENCE LISTING DATE: 09/21/2006
 PATENT APPLICATION: US/10/541,769 TIME: 11:42:10

Input Set : A:\Q88804 - sequence listing.txt
 Output Set: N:\CRF4\09212006\J541769.raw

71 <222> LOCATION: 6
 72 <223> OTHER INFORMATION: n is (R)-phosphoramidite compound
 75 <400> SEQUENCE: 3
 W--> 76 aaaaaanaaaa aa 12
 79 <210> SEQ ID NO: 4
 80 <211> LENGTH: 12
 81 <212> TYPE: DNA
 82 <213> ORGANISM: Artificial Sequence
 84 <220> FEATURE:
 85 <223> OTHER INFORMATION: oligo 4
 88 <220> FEATURE:
 89 <221> NAME/KEY: modified_base
 90 <222> LOCATION: 6
 91 <223> OTHER INFORMATION: n is (S)-phosphoramidite compound
 94 <400> SEQUENCE: 4
 W--> 95 aaaaaanaaaa aa 12
 98 <210> SEQ ID NO: 5
 99 <211> LENGTH: 12
 100 <212> TYPE: DNA
 101 <213> ORGANISM: Artificial Sequence
 103 <220> FEATURE:
 104 <223> OTHER INFORMATION: oligo 5
 107 <400> SEQUENCE: 5
 108 tttttttttt tt 12
 111 <210> SEQ ID NO: 6
 112 <211> LENGTH: 11
 113 <212> TYPE: DNA
 114 <213> ORGANISM: Artificial Sequence
 116 <220> FEATURE:
 117 <223> OTHER INFORMATION: oligo 6
 120 <400> SEQUENCE: 6
 121 tttttttttt t 11
 124 <210> SEQ ID NO: 7
 125 <211> LENGTH: 12
 126 <212> TYPE: DNA
 127 <213> ORGANISM: Artificial Sequence
 129 <220> FEATURE:
 130 <223> OTHER INFORMATION: oligo 7
 133 <400> SEQUENCE: 7
 134 aaaaaaaaaaa aa 12
 137 <210> SEQ ID NO: 8
 138 <211> LENGTH: 11
 139 <212> TYPE: DNA
 140 <213> ORGANISM: Artificial Sequence
 142 <220> FEATURE:
 143 <223> OTHER INFORMATION: oligo 8
 146 <400> SEQUENCE: 8
 147 aaaaaaaaaaa a 11
 150 <210> SEQ ID NO: 9

RAW SEQUENCE LISTING DATE: 09/21/2006
PATENT APPLICATION: US/10/541,769 TIME: 11:42:10

Input Set : A:\Q88804 - sequence listing.txt
Output Set: N:\CRF4\09212006\J541769.raw

151 <211> LENGTH: 13
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: oligo 9
159 <220> FEATURE:
160 <221> NAME/KEY: modified_base
161 <222> LOCATION: 7
162 <223> OTHER INFORMATION: n is (R)-phosphoramidite compound
165 <400> SEQUENCE: 9
W--> 166 aacgtttaac gtt 13
169 <210> SEQ ID NO: 10
170 <211> LENGTH: 13
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: oligo 10
178 <220> FEATURE:
179 <221> NAME/KEY: modified_base
180 <222> LOCATION: 7
181 <223> OTHER INFORMATION: n is (S)-phosphoramidite compound
184 <400> SEQUENCE: 10
W--> 185 aacgtttaac gtt 13
188 <210> SEQ ID NO: 11
189 <211> LENGTH: 13
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: oligo 11
197 <400> SEQUENCE: 11
198 aacgttaaac gtt 13
201 <210> SEQ ID NO: 12
202 <211> LENGTH: 13
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: oligo 12
210 <400> SEQUENCE: 12
211 aacgttaaac gtt 13
214 <210> SEQ ID NO: 13
215 <211> LENGTH: 13
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: oligo 13
223 <400> SEQUENCE: 13
224 aacgttgaac gtt 13
227 <210> SEQ ID NO: 14
228 <211> LENGTH: 13

RAW SEQUENCE LISTING DATE: 09/21/2006
PATENT APPLICATION: US/10/541,769 TIME: 11:42:10

Input Set : A:\Q88804 - sequence listing.txt
Output Set: N:\CRF4\09212006\J541769.raw

229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: oligo 14
236 <400> SEQUENCE: 14
237 aacgttcaac gtt

13

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/21/2006
PATENT APPLICATION: US/10/541,769 TIME: 11:42:11

Input Set : A:\Q88804 - sequence listing.txt
Output Set: N:\CRF4\09212006\J541769.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 7/
Seq#:2; N Pos. 7/
Seq#:3; N Pos. 6/
Seq#:4; N Pos. 6/
Seq#:9; N Pos. 7/
Seq#:10; N Pos. 7/

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/541,769

DATE: 09/21/2006

TIME: 11:42:11

Input Set : A:\Q88804 - sequence listing.txt
Output Set: N:\CRF4\09212006\J541769.raw

L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0